

NOTE ON *HYGROMIA HISPIDA*, VAR. *NANA*, JEFF.

By the Rev. E. W. BOWELL, M.A.

*Read 12th March, 1915.*

MR. KENNARD recently pointed out to me a shell in my collection as a typical example of this form, which is said to be equivalent to *H. nebulata*, Menke. The specimen was taken at Leatherhead, and is now exhibited. Height 4 mm., major diameter 7.1 mm.

The genitalia showed four simple digitate glands on each side. Typical *hispida* may show six on each side, but it will generally be found that these are disposed in groups of two, so that they would be better described as three double digitations. I find, however, that there is considerable variation in the number of the glands, large specimens tending to possess more glands and more branching.



The radula, of which a sketch is here submitted, is 1.8 mm. long and 0.65 mm. wide. There are 88 rows of unci, distributed according to the formula 13. 10. 1. 10. 13. The more external admedians tend to become larger until the last two are reached, and these are very similar to the externals. The most striking feature about the radula is the length and narrowness of the mesocones, except in the external region. I do not find anything similar in young examples of typical *hispida*, while in adult specimens there is a marked tendency to vary in the opposite direction. In the present specimen the cones of the external unci are more than usually short; variation in this respect is common in *hispida*, but it is much more usual to find prolongation of these cones in the smaller examples.

I refrain from giving measurements of these small structures, because I do not yet possess a series mounted in balsam, and the trial measurements of glycerin jelly preparations have proved unsatisfactory, owing to the relatively high numerical aperture required to produce sharp outlines at the necessary magnification.

It seems possible that *H. nebulata* may be another of these barely distinct small *Helices*, and it may be worth while for those who have the opportunity to pay special attention to its economy and distribution.